

(FDD 26491)

Development of the Chemical Industry in Rumania,
by M. Floresku, 37 pp.

RUSSIAN, bimo par, Khim Prom, No 5, Moscow,
Jul/Aug 1955, pp 46-56.

CIA/FDD/U-7781

EEur - Rumania
Econ - Chemical industry

31,836

(FDD 26932)

Resistance to Freezing and the Gas Permeability of
Elastomers, by G. M. Bartenev, 4 pp.

Full Translation.

RUSSIAN, 8-times-yr per, Khim Prom., No 6, Moscow,
Sep 1955, pp 344-345 (24-25).

CIA/00-W-31687

32,374

USSR
Sci - Chemistry, Elastomers

Feb 1956 CTS

(Blumenthal)

Hydrocarbons of the Diarylmethane Series as High
Temperature Heat Carriers, 4 pp.

RUSSIAN, per, Khim Prom, No 7, 1955, pp 42, 43,
Encl To IR-1306-57, AFOLB-1A1.

AID/Mar 57

Sci - Chemistry

50, 834

Aug 57

Industrial Method for the Production of Heavy Nitrogen Isotope Concentrates, by S. I. Babkov,
N. M. Zhavoronkov.

RUSSIAN, no per, Khim Prom, No 7, 1955, pp 388-392.

Assoc Tech Sv
RJ-395

Sci - Chemistry

36,946

\$12.75

Aug 1956

Origin of Strain in the Formation of Varnish
(Lacquer) Films, by V. A. Kargin et al.

RUSSIAN, per, Khim Prom, N No 7, 1955,
pp 392-397.

Co-Op Trans Sch Tr 327
92.8s.

Sci - Chemistry
Apr 57 CMS/dex

47,208

Urgent Problems in the Production of Chemicals
for Plant Protection, by M. I. Rekhlin

RUSSIAN, ~~xx~~ per, Khiz Press. No 8, Dec 1955,
pp ~~xx~~ 1-5. CIA 9006531

USDA RT-463

40,110

Sci - Biology

USSR

Economic - Agriculture

Oct 56 CTS

Amelin, A. G., Baranova, A. I. and Vasil'ev, B. T.
FABRICATION D'ACIDE SULFURIQUE PAR LE PRO-
CEDE DE CATALYSE HUMIDE (Sulfuric Acid Produc-
tion by the Wet-Catalyst Method). 15p. 16 refs.
Order from OTS, ETC or CNRS \$0.80 62-26996

Trans. in French of Khimicheskaya Promyshlennost'
(USSR) 1955 [no. 8] p. 453-457.

DESCRIPTORS: Sulfuric acid, Production, Hydrogen
compounds, Sulfides, Combustion, Air, Catalysis,
Water vapor.

(Engineering--Chemical, TT, v. 10, no. 8)

62-26996

- I. Amelin, A. G.
- II. Baranova, A. I.
- III. Vasil'ev, B. T.
- IV. Centre National de la
Recherche Scientifique,
Paris (France)

Office of Technical Services

Butadiene From n-Butane and n-Butylenes, by O. B.
Litvin, I. L. Fridahteyn, 27 pp.

RUSSIAN, no per, Khimicheskaya Promyshlennost',
No 8, 1955, pp 38, 486 - 46 (494), Encl to IR 1913-56,
AFOIN-LA1

AF 1071260

Sci - Chemistry
Feb 1957 CIS

44,067

The Production of Dicalcium Phosphate and Ammonium Nitrate by the Nitric Acid Decomposition of Phosphates, by F. G. Mergolis et al.

RUSSIAN, per, Khim Prom, No 1, pp 26-31.

ATS RJ-1705 1956

Sci - Chem

Jul 59

90, 869

Chromatographic Methods for Thorough Purification of
Zinc and Cadmium Salts for the Preparation of
Luminophors, by A. M. Gurvich, T. B. Gapon, M.
Rabinovich, 7 pp.

RUSSIAN, per, Khim Prom, No 1, pp 31-34, 1956.

Assoc. Tech Serv 99J15R

Sci + Chem
Aug 58

70,497

Inorganic Polymers, by A. A. Berlin, V. P.
Parini.

RUSSIAN, per, Khim Prom, Vol I, No 1,
1956, pp 44-51.

GB/55/616

Sci
Dec 62

Bereakow, G. K. and Slyko, M. G.
CATALYTIC PURIFICATION OF GASES FROM
OXYGEN. [1963] 6p (figs omitted)
Order from OTS, SLA, or BTG \$1.10 TT-63-20383

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1956, no. 2, p. 69-77. (Abstract available)

DESCRIPTORS: Gases, *Purification, *Oxygen,
*Hydrogenation, *Catalysis, *Nickel catalysts,
*Palladium catalysts, *Platinum catalysts, Reaction
kinetics, *Towers (Chemistry), Design.

The article contains a review of catalysts, kinetic mechanism, methods of calculation of contact-apparatus, and technological schemes of processing for removal of oxygen from gases by catalytic hydrogenation. (Author)

(Engineering--Chemical, TT, v. 11, no. 3)

TT-63-20383

I. Bereakow, G. K.
II. Slyko, M. G.

Office of Technical Services

Study of Natural Rubber Vulcanization by the
Tagged Atom Method, by G. A. Blokh. UNCL

RUSSIAN, per, Khim Prom, № 2, 1956, pp 78-89.

Co-op Tr Scheme 369

Sci - Chem
Sep 59

95, 851

Method of Calculation of the Movement of Free-
Flowing Materials in Rotary Kilns, Particularly
Soda Kilns, by N. M. Boguslavskiy.

RUSSIAN, per, Khim Prom, No 2, 1956, pp 89-97.

DSIR LLU RIS 1504
SLA 60 -23630

Sci + Engr

Aug 60

122,532

15 359

Fr-1

DILMAN V. V., DAROVSKIHK E. P., et al.

Hydraulic drag of grid-type and hole-type trays

Résistance hydraulique des plateaux à grilles et à trous

Khim. Prom., 1, No. 3, 28-33 (1956)

R. 1187 - (See TP 427 - "TB", 1, 3) - French

E u r a t o m

The Hydraulic Resistance of Grid and Perforated Trays, by V. V. Sil'man, E. P. Darovskikh, and others, 11 pp.

RUSIAN, per, Khim Prom (USSR) No 3, 1956, pp 156-161.

NTS R-7-1960
Assoc Tech Serv
34026R

Sci - Chem
May 59
OSS, V I, No 6

86, 326

Determining and Selecting Processes for the Preparation
of Urea-Formaldehyde Resins, by A. A. Blagonravova,
Z. M. Meshcheryakova, G. A. Levkovich, M. V. Kazantseva,
4 pp.

RUSSIAN, no per, Khim Prom, No 5, 1956, pp 280-283,
Encl to IR-1162-57, 12 Feb 1957, AFOIN-1A1.

AF 1076915

Sci - Chemistry

45-499

Mar 57

Ushatinskii, N. A., Golub, S. I., and Bokshtein, V. M.
PREVENTING THE FORMATION OF DEPOSITS IN
THE EVAPORATION OF SODIUM SULPHATE SOLU-
TIONS. [1961] [13]p. J refe. [DSIR LLU] M.2833.
Order from OTS or SLA \$1.60 61-23252

Trans. of Khim[icheeskaya] Prom[yashlennost'] (USSR)
1956, no. 6, p. 324N.

DESCRIPTORS: *Sodium compounds, *Sulfates, Solu-
tions, Evaporation, *Deposits, Countermeasures.

As a result of experimental studies the design of a
double-effect evaporation system was worked out and
recommended for use in sulphate factories; the system
was made up of forced-circulation evaporators (without
salt separators) operating continuously with by-pass of
solution together with crystals from effect to effect,
and output of finished product in the form of a slurry
from the last effect to a centrifuge. The feed to the
system, consisting of mother liquor from the dissolv-
(Chemistry--Physical, TT, v. 6, no. 6) (over)

61-23252

I. Ushatinskii, N. A.
II. Golub, S. I.
III. Bokshtein, V. M.
IV. DSIR LLU M.2833

176648

Office of Technical Services

An Investigation of the Effect of Softeners
on the Action of Fillers in Rubber Compounds,
by A. E. Segalevich, 12 pp.

RUSSIAN, no par, Nhim Prom, No 6, 1956,
pp 333-338, Encl to IR 1255-57, AJ01M-1A1.

AF 1083488

46, 819

Sci - Chemistry
Apr 1957 CTB/dex

Hydrocyclones, Their Construction and Design, by
S. Z. Kagan.

RUSSIAN, per, Khim Prom, No 6, 1956, pp 347-358.
(Abridged Translation).

DSIR LIU M. 1421

Sci

SLA 60-23030

Oct 61

Properties of a New Form of Synthetic Rubber, by
S. A. Subbotin, et al.

RUSSIAN, per, Khim Prom, No 7, 1956, pp 405-407.

DSI 4 Tr 1687

Sci - Chemistry
Mar 58

SLA R-2053
59,213

The Question of Utilization of Polymer Materials on
the Basis of P. V. C. for Production of Means for
Individual Protection From Radioactive Radiation
by M. N. Shtedding, et al.

RUSSIAN, per, Khim Prom, No 7, 1956, pp 408-412.

Co-op Tr Sch Tr 427

Sci - Chemistry
Mar 58

59, 342

S-2945

The Theoretical Plate and Transfer Units, by V. N.
Stabnikov.

RUSSIAN, per, Klin Prom, No 7, Oct/Nov 1955,
pp 423-425.

14/11/57

Production of Sulphuric Acid by the Wet Contact Process, by A. G. Amelin.

RUSSIAN, per, Khim Prom, No 8, 1955,
69-114 No 112, pp 453-457.

ASLIB - G B 114 N o 112

Sci

Aug 58

69, 779

Legchenko, I. A.
ON THE QUESTION OF BRINE EXTRACTION BY
MEANS OF DIRECT-FLOW-COUNTERFLOW WELLS
(BORES). [1963] 14p. (figs, tables omitted) 1 ref.
Order from OTS or SLA \$1.60 63-16213

Trans. of [Khimicheskaya Promyshlennost'] (USSR)
1956 [no. 8] p. 469-474.

DESCRIPTIONS: *Rock salt, Boreholes, Water, Fluid
flow, Solvent action, Solids, *Mining engineering

(Engineering--Chemical, TT, v. 10, no. 11)

63-16213

1. Title: Leaching
1. Legchenko, I. A.

Office of Technical Services

6-2945

The Hydraulic Resistance of Latticework and Perforated Plates, by V. V. Dil'man, E. P. Darovskikh, M. E. Aerov, L. S. Aksel'rod.

RUSSIAN, per, Khim Prom, 1956, pp 1956-1961.

34/11/57

Consultants Bureau
to begin Jan 1957

\$ 95.00

Rhim Prom

New Method for the Improvement of Apatite
Production by F. N. Belash, N. S. Ul'yanov,
6 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 13-15.

SLA 60-17710

Sci

129,413

OTS, Vol IV, No 3

Sep 60

Reaction of Aromatic Sulfonic Acids With Aqueous
Solutions of Alkalies Under Pressure, by N. N.
Vorozhtsov, Jr, 8 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 15-19.

Sci - Chem

ATS 89M41R
ATS/KJ-2596

Oct 60

129,773

Modern Automatic Magnetic Methods of Oxygen
Analysis, by M. K. Yarmuk.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 31-38.

ATG RJ-1209

Sci - Chem
Apr 60

114,520

Mechanical Means of Production of New Types of
Polymers, by V. A. Kargin, . B. M. Kovarskaya,
6 p.

Chemist., 1957, No 2, pp 77-79.

CCT-510PT

62-15356

Sci
Jan 60
Vol 2, No 8

105, 463

<p>Kafarov, V. V. and Podoima, V. D. APPRECIATION DE L'EFFICACITÉ DES MÉLANGEURS MÉCANIQUES POUR LES PROCESSUS DE DISSOLUTION, tr. by Budzik. 7 Nov 60 [24]p. 10 refs. CEA Trans. no. R 1054 (text in French). Order from OTS or SLA \$2.60 61-19607 Trans. in French of Khim[icheskaya] Promyshl[ennost'] (USSR) 1957, no. 2, p. 86-91. DESCRIPTORS: *Stirrers, *Mixtures, Particles, Solubility, Effectiveness (Engineering--Chemical, TT, v. 6, no. 7)</p>	<p>61-19607 I. Kafarov, V. V. II. Podoima, V. D. III. CEA-tr-R1054 IV. Commissariat à l'Energie Atomique (France) Office of Technical Services</p>	
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The Production of Gas for the Manufacture of
Synthetic Ammonia, by A. G. Lobachev.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 108-116.

ATS RJ-1284

Sci - Chem
Apr 60

114,563

The Hydraulic Resistance and Thickness of the
Film in Reverse Flow of a Liquid Under the
Action of a Gas in Vertical Tubes, by B. F.
Konobeyev.

RUSSIAN, per, Khim Prom., No 3, 1957,
pp 38-41.

OTIS 6/1/1962
NLL M.4283

Sci - Fuels

193, 904

Apr 62

Intensification of the Process for the Production
of Copper Sulphate, by B. D. Stepin.

RUSSIAN, par, Khim Prom, No 3, 1957, pp 47-48.

ILL N 8877

Sci - Phys
Mar 63

~~224, 284~~

Automation in the Production of Sulphuric Acid,
by L. I. Markov. UACL

RUSSIAN, per, Khim Prom, No 3, 1957,
pp 129-132.

DSIR LLU RTS 1046

10s. Od.

Sci - Chem
Nov 59

100 771

Conditions for Intensifying the Process of
Styrol Polymerization to Obtain Simultaneously
Polymers of Predetermined Properties, by S. M.
Arbitman, et al. UNCL

RUSSIAN, per, Khim Prom, No 4, 1957, pp 193-200.

Co-op Tr Scheme 550

Sci - Chem
Mar 59

82,043

Epoxy Lacquer Resins, by M. F. Sorokin, 22 pp.

RUSSIAN, per, Khim Prom, No 5, Jul-Aug 1957,
pp 54-61.

ATTIC MCL F-18-9851/III

Sci
Jun 61

152, 279

Investigation of Ukraine at Fire and Explosives Bureau
of Chemical Industries and Standards of Design of
Explosive Concretes Plants, by V. S. Mikhalev,

21. 1954

No 5

Russia, Dzerzhinsk, 1957, No 302-535, 9210729

AMC-500-12-933(3)

See - Chem

Aug 65

341347

Hydrocyclones, Their Construction and Design,
by S. Z. Kagan.

RUSSIAN, per, Khim Prom No 6, 1956, pp 27-38.

NCB A 1569

Sci

Jah 63

Butyrous Rubbers and Their Technical Properties, by A. E.
Kalaus, et al. UNCL

RUSSIAN, per, Khim Prom, No 6, 1957, pp 333-342.

*DSIR/TCL 106

Sci - Chem
Mar 59

Properties of Pipyrylene Polymers. by I. A. Livshits,
S. I. Il'ina, V.N. Reikh. 11 pp.

RUSSIAN, per, Khim Prom., No 6, 1957, pp ~~22-25~~.

342-346
MS 35119R
ATS RT-1075

Sci

Jul 59

92,680

Development of the Chlorine and Chlorine
Products Industry in the USSR, by
V. G. Fleishman. UNCL

RUSSIAN, per, Khim Prom, No 7, 1957,
pp 24-32.

DSIR LIB RCS 1058

15s. 0d.

94, 834

Sci - Chem
Aug 59

Study of Mass Transfer in the Dissolving of a Solid Stage in a Liquid, by S. Ya. Gavovskiy,
A. N. Planovsky. UNCL

RUSSIAN, per, Khim Prom, No 6, 1957, pp 363-365.

DSIR LIB M.859

(loan)

Sci - Chem
Mar 60

11/14/

Chemical Means of Plant Protection, by N. N.
Mel'nikov, M. Rokhlin, 12 pp.

RUSSIAN, per, Khim Prom, No 7, Moscow, Oct/Nov
1957, pp 417-421.

US JPRS/DC-L-974

Sci - Chemistry

75, 766

Specification for the Model of a Vertical Chlorine Cell Incorporating a Filter Diaphragm, by E. V. Mulin.

RUSSIAN, per, Khim Prom, No 7, 1957,
pp 602-604.

CSIRO

Sci - Engr
Oct 61.

<p>Gukhman, B. S. and Matrosova, N. S. A PORTABLE ELECTRIC, PGF TYPE GAS ANALYZER FOR DETERMINING COMBUSTIBLE GASES AND VAPORS IN AIR [Perenosnyi Elektri- cheski Gazoanalizator Tipa dlya Opredeleniya Goryuchikh Gazov i Parov v Vozdukhe] tr. by Donald C. Rich. 22 Jan 62 [14p. AOMC Trans. nr 6-62. Order from OTS or SLA \$1.60 62-19001 Trans. of <u>Khimicheskaya Promyshlennost'</u> (USSR) 1957 [no. 8] p. 489-493. DESCRIPTORS: Portable, *Electrical equipment, Design, *Gas analysis, Combustion, *Gases, *Vapors, Galvanometers.</p> <p>(Engineering--Chemical, TT, v. 9, no. 11)</p>	<p>62-19001 I. Gukhman, B. S. II. Matrosova, N. S. III. AOMC Trans-6-62 IV. Army Ordnance Missile Command, Redstone Arsenal, Ala.</p>	
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The Recovery of Phosphate From Obolus
Sandstones by Fixation, by L. I. Stremovsky.

RUSSIAN, per, Khim Prom, 1958, pp 476-481.

ILL N. 8889

Sci - Phys

Aug 62

207, 112

Oxidative Chlorination of Aliphatic
Hydrocarbons and the Oxidation of Hydrogen
Chloride, by Ya. P. Choporov.

RUSSIAN, per, Khim Prom', No 2, 1958,
pp 16-20.

CSIRO

Sci - Chem
Jul 62

204,927

Tests on Producing Acetylene by Electrical Cracking
of Natural Methane in a Scaled-Up Unit, by A. M.
Kremin,

RUSSIAN, per, Zhim Prom, No 2, 1958, pp 73-80.

ATB RJ-2219

Sci - Chem

May 60

115,471

<p>Choporov, Ya. P. OXIDATIVE CHLORINATION OF ALIPHATIC HYDROCARBONS AND OXIDATION OF HYDROGEN CHLORIDE (Okislitelnoe Khlorirovanie Alifaticheskikh Uglevodorodov i Okislenie Khloristogo Vodoroda). [1961] 12p. 65 refs. Order from OTS or SLA \$1.60</p> <p>Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1958 [no. 2] p. 80-84.</p> <p>DESCRIPTORS: *Hydrocarbons, Ethylenes, *Hydrochloric acid, Oxidation, *Chlorination, Bibliography.</p> <p>The oxidative chlorination reaction of aliphatic hydrocarbons is only possible at high temperatures where the inhibiting effect of oxygen is removed and the necessary rate of the bimolecular reaction is attained. The high temperature itself causes a significant oxidation of the hydrocarbon to be chlorinated; this gives (Chemistry--Organic, TT, v. 8, no. 7) (over)</p>	<p>62-10722 I. Choporov, Ya. P.</p> <p>62-10722</p>	
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Office of Technical Services

Mechanical Carry-Over of Liquid by Vapour in
Evaporator, by N. I. Gel'perin, V. B. Kogan.

RUSSIAN, per, Khim Prom, No 2, 1958, p 96.

CSIRO

Sci - Chem

Jun 61

156, 938

Metal-Ceramic Materials for the Chemical
Industry, by G. V. Sveshnikov, S. Ya. Plotkin,
17 pp.

RUSSIAN, per, Khim Prom, No 2, 1958,
p [42-46] 106-110.

ORS 60-17371

Sci

10 Mar 62

187, 741

Vol 4, No 4

Intensification of the Process for the Production
of Copper Sulphate, by B.D. Stepin.

RUSSIAN, per, Izhevsk. Prom-St', No. 3, 1957,

pp. 47-48

ILL/11.6077

Sci -
July 1967

634-451

The Influence of Mass and Heat Transfer Processes
on the Ethylene Oxidation Reaction Rate, by M. G.
Slin'ko, 30 pp.

RUSSIAN, per, Khim Prom, No 3, 1958, pp 10-18.

AEC TT-922

Sci
Jun 61

156,080

Kasatkin, A. G., Dytner'skil, Yu. I., and
Umarov, S. U.
CALCUL DES COLONNES AVEC PLATEAUX A
TROUS ET A GRILLES [K Raschetu Kolonn s
Proval'nyimi Tarelkami] [On the Computation of
Columns with Running-Through Plates] tr. by
Melnik. 28 Oct 59 [27]p. 32 refs. CEA Trans. no.
R 74; (text in French).
Order from OTS or SLA \$2.60 61-23741

Trans. in French of Khim[icheskaya] Promyshl[ennost']
(USSR) 1958, no. 3, p. 38-45.

DESCRIPTORS: *Fractionation, *Distillation plants,
Mixtures, Separation, Vapors, Liquids.

(Engineering--Chemical, TT, v. 6, no. 6)

61-23741

- I. Kasatkin, A. G.
- II. Dytner'skil, Yu. I.
- III. Umarov, S. U.
- IV. CEA-tr-R767
- V. Commissariat à
l'Énergie Atomique
(France)

176670

Office of Technical Services

Apparatus for Continuous Flow Vulcanization
of Rubber Articles, by A. V. Kollegin,
N. V. Koropaltsev. USCL

RUSSIAN, per, Khim Prom, No 3, 1958, pp 58, 59.

DAIR LIB RRS 1057

5s. Od.

Sci - Chem
Aug 59

94, 833

Tube Reactor for Continuous Polymerization in Emulsions,
by A. F. Kalaus, et al. UNCL

RUSSIAN, per, Khim Prom, No 3, 1958, pp 133-138.

*DSIR/TCL 114

Sci - Chem; Phys
Mar 59

For the Rapid Development of the Chemical
Industry of the USSR, by G. V. Uvarov.

RUSSIAN, per, Khim Promy, No 4, 1958, pp 197-200.

C.S.I.R.O.

Sat-Chem

May 60

116, 222

Synthesis of Hexamethylene Diamine by
Catalytic Hydration of Adiponitryl in a Constant
Flow, by Z. S. Vanyushina, M. S. Vilissova,
G. A. Chistyakova, 12 pp.

RUSSIAN, per, Khim Prom, No 4, 1958, pp 205-208.

SLA 60-18986

Sci

Apr 61

146,206

<p>Strizhevskiy, I. I. PROPERTIES OF THE LIQUID AND SOLID ACETYLENE, [1960] 14p. Order from LC or SLA m\$2.40, ph\$3.30 60-16960 <u>Trans. of Khim[cheskaya] Prom[yshlennost'] (USSR)</u> 1958, no. 4, p. 221-227.</p> <p>(Chemistry--Organic, TT, v. 5, no. 3)</p>	<p>60-16960 I. Acetylenes--Properties I. Strizhevskiy, I. I. <i>142,940</i></p> <p>Office of Technical Services</p>	
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Epoxide Lacquer Resins, by M. F. Sorokin.

RUSSIAN, per, Khim Prom, No 5, 1958, pp 54-60.

*ATIC F-TS-9851/III

Sci - Chem

Dec 58

Main Properties of Some Soviet ion Exchangers,
by A. B. Pachkov. UNCL

RUSSIAN, per, Khim Prom, No 5, 1958,
pp 270-276.

LLU
DSIR RTS 1340

~~████████~~ (17a. Ga.)

Sci - Chem

108,359

Feb 60

The Protection of Damaged Places in the Enamel
or Apparatus by Means of an Acid-resistant Paste,
by G. A. Baroyants,

RUSSIAN, per, Khim Prom, 1958, No 5, pp 31^b.

ATS-58L32R

Sci
Feb 60
Vol 2, No 9

107,099

Melamine, Its Properties and Methods of Production,
by S. N. Kavarnovskiy, Z. N. Shvartsova, 10 p.

RUSSIAN, per, Khim Prom, 1958, No 6, pp 325-330.

AT&T-37L34R

Sci
Mar 60
Vol 2, No 11

109,575

Determination of the Optimum Temperature Conditions in Operating Catalytic Apparatus for the Oxidation of Sulfur Dioxide, by V. I. Shestakov, D. F. Tarent'ev, 7pp.

RUSSIAN, per, Khim Prom, No 6, 1958, pp 350-351.

ATS RJ-1972 n 33L33R

Sci - Chem

Jan 60

105,762

RUSIAN-1: FRENCH
CIC 77-62-28910

Three-Dimensional Polymers Based on Saturated
Polymers of Linear Structure, by A. Ya. Drinberg.

Moscow, Sov. Union Press, No 7, 1953, pp 401-403.

AMC 10/18/85

Sci - Chem

Jan 60

105,062

Dehydrogenation of n-Butane in a Semiworks Unit
on a Moving Spherical Catalyst, by A. N. Bushin,
B. Ya. Soldatov, et al, 8 ppl

RUSSIAN, per, Khim Prom, No 7, 1958, pp 406-409.

AT&T 52L3CR

Sci - Chem
Sep 59
Vol 2, No 2

98,041

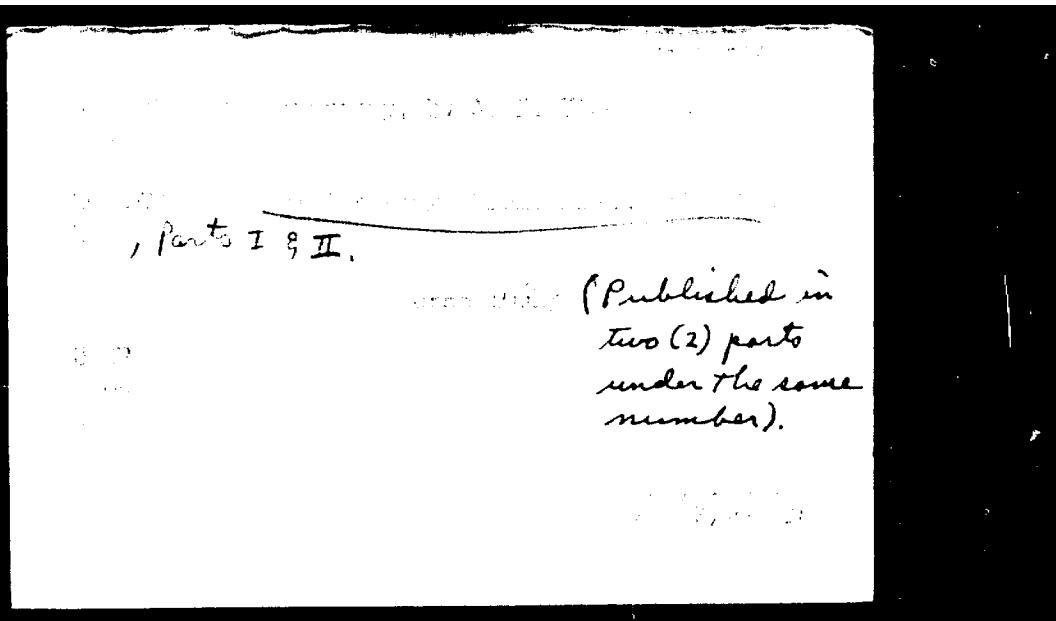
(NY-3000).

A Method of Eliminating Surface Defects From
Ftoroplast-3 (Polytrifluorochloroethylene),
by T. N. Nikolayeva, V. G. Kuryatnikova, / P.

RUSSIAN, per, Khimicheskaya Promyshlennost',
No 8, Dec 1958, pp 47, 48.

JPRS - 1734-N

USSR
Econ - Technological - USSR Industry
Apr 59



The Rapid Rate of Development of the Chlorine
Industry in the Soviet Union, by V. G. Fleishman.
URCL

RUSSIAN, per, Khim Prom, No 1, 1959, pp 9-16.

DSIR LRU RPS 1344

(Ll. Os. Od.)

Sci - Chem

Mar 60

111,082

R-900

(NY-3000/2).

Some Problems in the Development of the Chemical
Industry of Kazakhstan, by K. T. Akhmetov, 10 pp.

RUSSIAN, per, Khim Prom, No 1, 1959, pp 24-26.

JNRR-1839-5

USSR
Econ - Technological - Industry
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<p>Plakidin, Vl. L. and Sheyn, S. M. THE REACTION OF THE SODIUM SALT OF α-NAPHTHALENE SULPHONIC ACID WITH SODIUM HYDROXIDE SOLUTION (Vzaimodeystviye Natriyevoy Soli α-Nafthalinsulf'ko-kisloty s Rastvorom Yedkogo Natra). Nov 60 [6 p. 7 refs. RTS 1593]. Order from LC or SLA m\$1.80, ph\$1.80 61-13947 Trans. of Khimicheskaya Promishlennost' (USSR) 1959, no. 3, p. 32-34.</p> <p>A study is made of the kinetics of the reaction of 99.5% Na α-naphthalene sulfonate (purified by crystallization) with 20, 30, and 40% NaOH solutions at 300° to 390° and 100 to 200 atm (depending on temperature and concentration) to determine the optimum condition for continuous process. Results indicate the temperature to be the critical factor, the reaction rate to be directly proportional to the NaOH concentration, and the α-naphthal yield to be directly proportional to the excess of NaOH (10% excess and 30 to 40 minutes reaction time gave 90 to 95% yield).</p>	<p>61-13947</p> <p>I. Naphthalene--Chemical reactions 2. Sodium salts--Chemical reactions 3. Sodium hydroxides--Chemical reactions I. Plakidin, V. I. II. Sheyn, S. M. III. RTS-1593 IV. Department of Scientific and Industrial Research (Gt. Brit.)</p> <p>J U T I .</p> <p>Office of Technical Services (Chemistry--Organic, TT, v. 5, no. 12)</p>
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